DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

AMC REGULATION NO. 70-9

28 September 1992

Research, Development, and Acquisition

TEST FACILITIES MANAGEMENT

Supplementation of this regulation is prohibited without prior approval from Commander, AMC, ATTN: AMCRD-S.

1. Purpose. This regulation assigns responsibilities and prescribes policies and procedures for the U.S. Army Materiel Command (AMC) Test Facilities Management Program, to include the U.S. Army Test Facilities (TESTFACS) Register. This regulation is not intended to change or replace current authorization, programming approval, or funding resources.

2. Scope. This regulation applies to Headquarters (HQ) AMC; AMC major subordinate commands (MSC), including their subordinate installations; separate activities; and AMC-managed, Government-owned/contractor-operated (GOCO) test facilities.

3. References. References are listed in appendix A.

*This regulation supersedes AMC-R 70-9, 28 December 1988.

4. Explanation of terms. a. Dedicated instrumentation/test equipment. Major instrumentation and test equipment (MITE) that is a part of a major test facility (MTF) or higher level MITE. A dedicated item may be separated from the item to which it has been dedicated and function as stand-alone (nondedicated) instrumentation or test equipment.

b. Installation/activity. An Army installation, laboratory, proving ground, activity, or center at which test facilities and instrumentation and test equipment are located.

c. Major instrumentation/test equipment (MITE). Instrumentation comprised of scientific and technical equipment valued at $75,000 or more which is used to collect, sense, measure, record, convert, and display test data. Test equipment is comprised of that equipment valued at $75,000 or more which is used to generate and simulate test conditions. Test support equipment, both fixed and movable, is included in this overall classification.

d. Major test facility (MTF). An assemblage of equipment, including instrumentation/test equipment and/or real property, valued at $75,000 or more which is intended to measure performance or other characteristics of materiel components, subassemblies, assemblies and/or systems.

e. Nondedicated (stand-alone) instrumentation/test equipment. Any MITE that is not a part of a higher level, or equal level, item.

5. Policies. a. The TESTFACS Register is a computerized data base maintained by the AMC Project Manager for Instrumentation, Targets, and Threat Simulators (PM-ITTS) located at Aberdeen Proving Ground, Maryland. It lists and describes all Army-owned MTFs, MITE, and software verification and validation (V&V) tools with an acquisition cost of $75,000 or more.

b. The TESTFACS Register will be used by the AMC test community to ensure maximum use of existing test facilities and to conserve scarce funding for new facilities. The register will also assist the Army in managing an orderly growth of test capability and serve as a basis for test planners, including test integration working groups, to identify testing capability within the Army.

c. Facilities identified in the TESTFACS Register remain entirely under the management and control of the owning command.

6. Responsibilities and procedures. a. The Deputy Chief of Staff for Research, Development, and Engineering, HQ AMC, will exercise staff supervision over the Test Facilities Management Program.

b. AMC PM-ITTS will--

(1) Manage the Test Facilities Management Program for AMC.

(2) Issue data calls to MSCs for input to the TESTFACS Register, as required.

(3) Update, publish, and distribute the TESTFACS Register, as required.

c. Commanders, AMC MSCs, will--

(1) Participate in the Test Facilities Management Program.

(2) Provide input to the TESTFACS Register using forms as indicated below. Update data, as requested. (This requirement is exempt from management information control per AR 335-15, subparagraph 5-2i.)

(a) AMC Form 2434-R (Installation/Activity) to describe the installation, laboratory, proving ground, activity, or center being reported. Appendix B contains a reproducible copy of AMC Form 2434-R and preparation instructions.

(b) AMC Form 2434-1-R (Major Test Facilities) to identify MTFs which belong to the reporting installation/activity. Appendix C contains a reproducible copy of AMC Form 2434-1-R and preparation instructions.

(c) AMC Form 2434-2-R (Major Test Facility) to describe the MTFs which are identified as line items on AMC Form 2434-1-R. Appendix D contains a reproducible copy of AMC Form 2434-2-R and preparation instructions.

(d) AMC Form 2434-3-R (Major Instrumentation/Test Equipment) to describe major instrumentation/test equipment costing $75,000 or more. Appendix E contains a reproducible copy of AMC Form 2434-3-R and preparation instructions.

(e) AMC Form 2435-R (TESTFACS Inventory Input Worksheet) to enter inventory into the TESTFACS data base. Appendix F contains a reproducible copy of AMC Form 2435-R and preparation instructions. See appendix G for TESTFACS codes.

(3) Use the TESTFACS Register in the planning phase of all test programs to identity available test and evaluation (T&E) facilities, capabilities, instrumentation/test equipment, and software V&V tools.

The proponent of this regulation is the United States Army Materiel Command. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) to the Commander, HQ AMC, ATTN: AMCRD-S, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001.

FOR THE COMMANDER:

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APPENDIX A

REFERENCES

AR 5-20	Commercial Activities Program.
AR 70-10	Test and Evaluation During Development and Acquisition of Materiel.
AR 70-69	Major Range and Test Facility Base.
AR 415-15	Military Construction, Army (MCA) Program Development.
AR 415-25	Facilities for Research, Development, Test, and Evaluation.
AR 415-35	Minor Construction, Emergency Construction, and Replacement of Facilities Damaged or Destroyed.
AR 702-9	Production Testing of Army Materiel.
AMC-R 70-16	Management of Computer Resources in Battlefield Automated Systems.
DARCOM-R 70-61	Use of TECOM Test Facilities by Contractors.
AMC-R 700-64	Installation Equipment Management Program.

APPENDIX B

AMC FORM 2434-R, INSTALLATION/ACTIVITY COMPLETION INSTRUCTIONS

1. Year Established. Enter the year the installation/activity was established.

2. UIC. Self-explanatory.

3. Parent Command. Self-explanatory.

4. Usage. Estimate percentage of use of the installation/activity in each of three categories; i.e., research, development, and production. For each category, enter the nearest whole percentage of use in that category. The sum of the three categories must equal 100 percent.

5. Description of Mission and Test Facilities. (Limit line length to 80 characters.) Include, at a minimum, the following items:

a. Mission and functions.

b. Equipment and capabilities.

c. General categories of test facilities, land areas, physical limitations (such as air space), etc.

d. Climatic features. Describe specific aspects of climate related to testing; e.g., temperature, humidity, precipitation, visibility. Indicate these aspects when and if they are significant to the testing performed at the installation/activity.

e. Terrain features. Describe specific aspects of terrain related to testing; e.g., percentage of land area which is desert, forest, and water; topography; soil; foliage; or any other test-related feature.

f. Test support capabilities. Indicate those test support capabilities not dedicated to any one MTF but essential to the overall testing function. Include the automatic data processing (ADP) facility which supports the installation/activity testing functions. (Indicate the data processing installation number and the names and models of computer mainframes.)

6. Planned New Facilities/Capabilities. (Limit line length to 80 characters.) Describe the testing capability to be added or the existing capability to be enhanced through acquisition of instrumentation/real property construction. Indicate only expansion that is within funding guidance. State year of expected acquisition and estimated cost in thousands of dollars.

INSTALLATION/ACTIVITY

(AMC-R 70-9)

YEAR ESTABLISHED: _____

UIC: _____

PARENT COMMAND: _____

USAGE: _____

RESEARCH: _____

DEVELOPMENT: _____

PRODUCTION: _____

DESCRIPTION OF MISSION AND TEST FACILITIES:

PLANNED NEW FACILITIES/CAPABILITIES:

APPENDIX C

AMC FORM 2434-1-R, MAJOR TEST FACILITIES COMPLETION INSTRUCTIONS

1. Facility Code. Enter the three-digit code assigned by the installation/activity to each of its MTFs. The first coded MTF should be assigned 001 with additional MTFs coded sequentially; i.e., 002, 003, etc.

2. Facility Name. Enter the common name of the MTF.

3. Point of Contact. Self-explanatory.

MAJOR TEST FACILITIES

(AMC-R 70-9)

FACILITY CODE	FACILITY NAME

POINT OF CONTACT: _____

ORGANIZATION: _____

OFFICE SYMBOL: _____

DSN: _____

COMMERCIAL: _____

DSN FAX: _____

COMMERCIAL FAX: _____

APPENDIX D

AMC FORM 2434-2-R, MAJOR TEST FACILITY COMPLETION INSTRUCTIONS

1. Major Test Facility (Facility Code). Enter the common name and facility code (see instructions for AMC Form 2434-1-R, in appendix C) of MTF costing at least $75,000.

2. Year Acquired. Enter the year the MTF was established.

3. Investment. Enter an estimation (in thousands of dollars) of the investment, to include improvements. Do not include the cost of dedicated items if they are reported separately. Use no adjustment for inflation.

4. TESTFACS ID. A six-digit numeric identifier to be assigned by PM-ITTS.

5. Description of Facility. (Limit entry to 21 lines, 80 characters per line.) Include, at a minimum, the following items:

a. Type of testing performed.

b. Salient characteristics of real property and instrumentation/test equipment used, such as ranges, courses, tracking facilities.

c. Real property and equipment dedicated to testing and its physical capacities and, where applicable, any natural limitations to their use (type and size of testing areas, equipment, instrumentation, specialized structures, etc.).

d. Test support capabilities dedicated to the MTF (indicate the data processing installation number and the names and models of computer mainframes).

e. Local restrictions on use of real property and instrumentation/test equipment.

f. General support (such as utilities, machine shops, calibration laboratories) essential to the test function but not directly dedicated to the testing performed, to include availability for other type testing and its functional characteristics.

g. Climatic features. Identify specific environmental factors, if any, which are significant to the operation of the MTF.

6. Major Products/Programs Supported. (Limit entry to 5 lines, 80 characters per line.) List the names of not more than five technical projects supported by the MTF which best represent its capability to perform testing.

7. Facility Point of Contact.

a. Organization. Enter the name of the organization having individuals capable of discussing overall technical aspects of the MTF and providing details concerning current operating schedules. Ability to direct inquiries of a specific technical nature to an individual within the MTF qualified to answer them is also required. The point of contact should be able to prescribe procedures for obtaining access to the test facility.

b. Office symbol. Enter office symbol of organization named in subparagraph a, above.

c. DSN. Self-explanatory.

d. Commercial. Self-explanatory - include area code.

e. DSN Fax. Self-explanatory.

f. Commercial Fax. Self-explanatory - include area code.

8. Facility Usage. Estimate percentage of use of the installation/ activity in each of three categories; i.e., research, development, and production. For each category, enter the nearest whole percentage of use in that category. The sum of the three categories must equal 100 percent.

9. Installation/Activity (UIC). Enter the official mailing address, to include the office symbol, of the organization responsible for input. Also indicate the unit identification code.

10. Parent Command. Self-explanatory.

MAJOR TEST FACILITY

(AMC-R 70-9)

MAJOR TEST FACILITY (FACILITY CODE):

YEAR ACQUIRED:	INVESTMENT:	TESTFACS ID:

DESCRIPTION OF FACILITY:

MAJOR PRODUCTS/PROGRAMS SUPPORTED:

FACILITY POINT OF CONTACT _____

ORGANIZATION: _____

OFFICE SYMBOL: _____

DSN: _____

COMMERCIAL: _____

DSN FAX: _____

COMMERCIAL FAX: _____

INSTALLATION/ACTIVITY (UIC): _____

FACILITY USAGE

RESEARCH: _____

DEVELOPMENT: _____

PRODUCTION: _____

PARENT COMMAND: _____

APPENDIX E

AMC FORM 2434-3-R, MAJOR INSTRUMENTATION/TEST EQUIPMENT COMPLETION INSTRUCTIONS

1. Major Instrumentation/Test Equipment. Enter the name of the major MITE costing at least $75,000.

2. Year Acquired. Enter the year the MITE was acquired.

3. Investment. Enter the total acquisition cost (in thousands of dollars) of the MITE, to include improvements if applicable. If the acquisition cost cannot be obtained from local property book/IEMS records, enter an estimate. Use no adjustment for inflation.

4. TESTFACS ID. A six-digit numeric identifier to be assigned by PM-ITTS.

5. Parent Major Test Facility (Facility Code). For dedicated MITE, enter the common name and three-digit facility code to which the MITE is dedicated. For stand-alone MITE which is not dedicated, enter "STAND ALONE" and leave the facility code blank.

6. Description of Instrumentation/Equipment. (Limit entry to 21 lines, 80 characters per line.) Include, where applicable, the information shown below. The narrative should provide sufficient information to identify the capability of the equipment.

a. Name of instrumentation/test equipment manufacturer and other identifiers not shown elsewhere.

b. General equipment characteristics, including types of tests supported.

c. Unique features which distinguish this equipment from similar types of equipment.

d. Modifications made to equipment which have altered performance characteristics.

e. Specific limitations and local constraints.

f. General support facilities required; e.g., power and water availability and photo processing capability.

7. Performance Characteristics. List at least seven equipment parameters which best describe the MITE's capabilities; e.g.,

frequency, voltage, power, and spectrum occupied. For each parameter selected, show the performance values which best describe the equipment. (Examples of performance values include upper- and lower-frequency bounds, range, rise time, frequency response, deflection factors, and accuracy.) Show units of measurement per those used by the manufacturer. This information may be shown in narrative and/or tabular format; however, do not use pictorial diagrams.

8. Manufacturer's Name. Enter the name of the equipment manufacturer. If the equipment was built by more than one manufacturer, enter only the name of the manufacturer of the mainframe or basic chassis. If the equipment was built by an Army activity, enter the name of that activity.

9. Model Number. Enter the complete equipment model number, to include prefixes and suffixes, which may be obtained from the IEMS. If several model numbers are involved, then enter only the model number of the mainframe or basic assembly. If the equipment has no model number, enter the words "Custom Made."

10. Equipment ID. Enter the locally assigned property identification number which uniquely identifies equipment in the property book. Local property book officers should be a good source of this information. This number ultimately will be the equipment stock number in the IEMS followed by a blank and the serial number. The equipment identification number in order of preference is the National/NATO number, manufacturer's code, and model/part number, or management control number. If any of the latter (non-IEMS) are used, then the equipment serial number should be included in this field.

11. Point of contact. Self-explanatory.

12. Installation/Activity (UIC). Enter the official mailing address to include the office symbol, of the organization responsible for input. Also indicate the unit identification code.

13. Parent Command. Self-explanatory.

MAJOR INSTRUMENTATION/TEST EQUIPMENT

(AMC-R 70-9)

MAJOR INSTRUMENTATION/TEST EQUIPMENT:

YEAR ACQUIRED:	INVESTMENT:	TESTFACS ID:

PARENT MAJOR TEST FACILITY (FACILITY CODE):

DESCRIPTION OF INSTRUMENTATION/EQUIPMENT:

PERFORMANCE CHARACTERISTICS:

MANUFACTURER'S NAME: _____ **MODEL NUMBER:** _____

EQUIPMENT ID: _____

POINT OF CONTACT: _____

ORGANIZATION: _____

OFFICE SYMBOL: _____

DSN: _____

COMMERCIAL: _____

DSN FAX: _____

COMMERCIAL FAX: _____

INSTALLATION/ACTIVITY (UIC): _____ **PARENT COMMAND:** _____

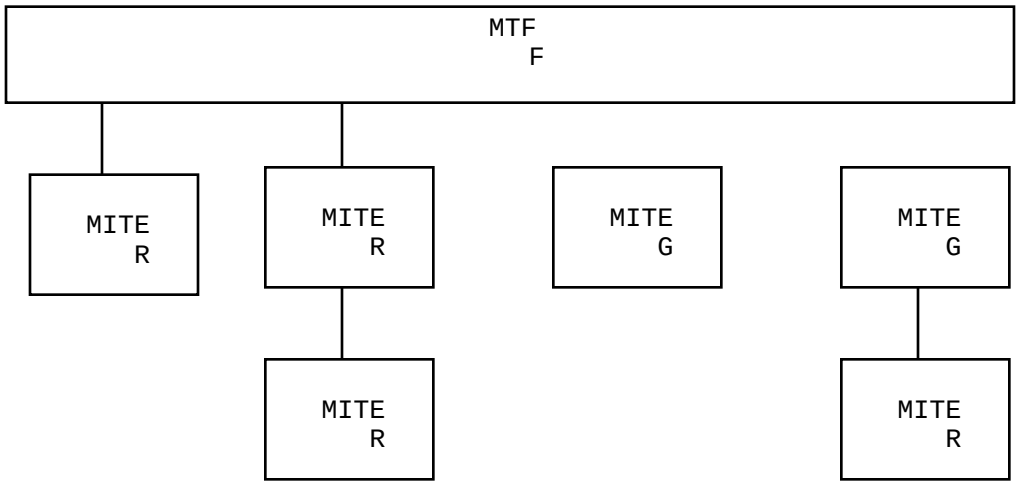
APPENDIX F

AMC FORM 2435-R, TESTFACS INVENTORY INPUT WORKSHEET COMPLETION INSTRUCTIONS

General Instructions for AMC Form 2435-R

1. Hierarchy Reporting. For purposes of the TESTFACS data base, the traditional concept of systems, components, and stand-alone items is replaced with a special hierarchial relationship. A component may be dedicated to a system. At the same time, this system may be dedicated to an MTF. An example of possible arrangements in such a hierarchy is shown in the diagram below.
In this diagram, the following apply:

F MTF ($75,000 or more)
R Dedicated MITE ($75,000 or more)
G Nondedicated MITE ($75,000 or more)



a. Nondedicated items may be either systems or components. Reported components must be capable of being severed and operated as a separate entity. Components such as plug-in units, monitor displays, built-in test equipment, hardwired programmers, and interface equipment will not be reported as individual items. However, a MITE will reflect the composite performance made possible by these components and the cost of these components.

b. The hierarchical arrangement discussed is used for each item reported using a code (F, R, or G) at data field number 11 on the TESTFACS Inventory Input Worksheet.

c. Whenever code R is used in data field number 11, an entry at data field number 4 (Dedicated To (Next Higher)) is required. The code R indicates a dedicated relationship. An object of this dedication is required.

2. Guidelines for preparing input. Experience with field submissions to TESTFACS has shown that certain problems are common. Care exercised when filling out TESTFACS Inventory Input Worksheets will alleviate many of these characteristic problems. Some examples are shown below:

a. Illegible entries. Although it is not mandatory that the worksheets be typed, it is important that all entries be legible. Examples of typical letters and numbers which are frequently misread when handwritten are as follows: letter O and the number zero (the number zero should be entered as 0), D and O, I and 1, G and C, N and M, etc.

b. Leaving mandatory data fields blank. All data fields shown on the worksheet must be filled in except data field numbers 4, 12, and 13 which are optional.

c. Creation of nonstandard codes. Tables G-l, G-2, and G-3 (appendix G) contain the only codes approved for use in TESTFACS. New codes may not be created without proper coordination with PMITTS (TESTFACS Office).

d. Improper dedication. The hierarchical dedication system used in TESTFACS is described in paragraph 1, above. Ensure this system is followed.

e. Wrong function code. There are two classes of functions codes - one for MTFs and one for MITE. Ensure the right code is used with each of these classes.

3. Multiple Similar Items. If your activity has several virtually identical items of instrumentation/test equipment, each costing $75,000 or more, a special handling technique may be used. Common data fields can be filled out using only one worksheet. Then reproduce the number of copies needed to provide one worksheet per item. Remaining data fields (those which are not common to all items) may then be completed on the individual worksheets. It is important that one worksheet be submitted for each MTF and item of instrumentation/test equipment costing $75,000 or more.

4. Exclusions. The following exclusions apply:

a. MTFs and MITE used solely in the conduct of basic (6.1 funded) research.

b. ADP equipment used solely for business applications.

c. Equipment such as photocopiers, dictating machines, drafting equipment, microfilm systems, and audiovisual equipment used for administrative purposes.

d. Test measurement and diagnostic equipment (TMDE) used exclusively for maintenance and repair of military materiel, and laboratory calibration standards as defined in AR 750-43. However, TMDE applicable to general testing will be included; enter only MTFs and MITE.

e. Engineer and construction equipment.

f. Materiel handling equipment such as cranes and forklifts.

g. Machine tools and plant equipment.

h. Maintenance and repair equipment.

i. Motor vehicles and aircraft. (Vehicles and aircraft used as test beds should be included in the TESTFACS data base.)

Completion Instructions for AMC Form 2435-R

1. Item Common Name (30 A/N). Using no more than 30 alpha/ numeric (A/N) characters, enter the equipment's locally used common name or its national stock number (NSN) obtained from the IEMS; e.g., signal generator, PH meter, MPS-36 radar, cinetheodolite. The names shown on AMC Forms 2434-1-R, 2434-2-R, and 2434-3-R may be used.

2. Manufacturer's Name. Enter the name of the equipment manufacturer. If the equipment was built by more than one manufacturer, enter only the name of the manufacturer of the mainframe or basic chassis. If the equipment was built by an Army activity, enter the name of that activity.

3. Model Number (14 A/N). Enter the complete equipment model number, to include prefixes or suffixes, which may be obtained from the IEMS. If several model numbers are involved, enter only the model number of the mainframe or basic assembly. If the equipment has no model number, enter the words "Custom Made." If the hierarchy code (data field number 11) is F, enter the same three-digit facility code which was used on AMC Forms 2434-1-R, and 2434-2-R.

4. Dedicated To (Next Higher). Enter either the MTF and facility code, item's common name, manufacturer's name and equipment model number, equipment identification number, or the TESTFACS identification number of any higher level facility or equipment to which this equipment is dedicated. For example, a signal generator (common name) which is built into Telemetry Ground Station #2 (common name of next higher) would be considered dedicated equipment. Thus, in data field number 4 the words "Telemetry Ground Station #2" would be entered. (This data field should be used only for equipment with hierarchy code (data field number 11) of R.) For the remaining hierarchy code leave this data field blank.

5. Activity Code (3 A). Enter a three-alpha character activity code which identifies the Army activity that owns the equipment. Table G-1 contains a list of activity codes.

6. Equipment Identification Number (25 A/N). Enter the locally assigned property identification number which uniquely identifies equipment in the property book. Local property book officers should be a good source of this information. This number ultimately will be the equipment stock number shown in the IEMS followed by a blank and the serial number. The equipment identification number in order of preference is the National/NATO stock number, manufacturer's code, and model/part number, or management control number. If any of the latter (non-IEMS) are used, then the equipment serial number should be included in this field.

7. Item Cost in Dollars (9 N).

a. If an MTF, enter the investment cost, and if an MITE, enter the acquisition cost (in whole dollars). If the acquisition cost cannot be obtained from property book/IEMS records, enter an estimate of the investment/acquisition cost. Use no adjustment for inflation. Enter figures with leading blank spaces (right justified). (The cost shown here should never be less than $75,000.)

b. For MTFs and MITE (hierarchy codes F, R, and G), do not include the cost of dedicated items if they are reported separately. For example, a telemetry station containing a separately reported but dedicated signal generator would not include the cost of the signal generator. To obtain the entire cost of the telemetry station, add the cost of the dedicated items to the cost of the basic station.

8. Manufacture Date (2 N). Enter the last two digits of the year in which the MTF/equipment was manufactured; e.g., an item manufactured in 1970 would be shown as 70. If the date is not on record, enter an estimate.

9. Receipt Date (2 N). Enter the last two digits of the year in which the MTF/equipment was received by the activity completing this form. For example, a radar manufactured in 1948 but received in 1969 would be shown as 69 in this field (48 in data field number 8). If the date is not on record, enter an estimate.

10. Function Code (3 N). Enter the three-digit function code which best describes the function for which the described MTF/equipment is used. Table G-2 contains a list of function codes. The first section of the table lists codes 001-016 for MTFs (hierarchy code F at data field number 11). The second section lists function codes 201 and above for all non-MTFs (all hierarchy
codes other than F).

11. Hierarchy Code (1 A). Enter the appropriate hierarchy code which best describes the relationship of the described MTF/equipment to other hierarchical levels. Table G-3 contains hierarchy codes for all hierarchical levels. (Whenever R is used, an entry in data field number 4, Dedicated To (Next Higher), is required.

12. User Definable Field #1 (28 A/N). This 28-character data field is for use by the reporting activity. It may be arranged and used in any manner which is convenient to the reporting activity. Some examples of use include: other local equipment designated numbers, location (building and room numbers) of equipment, calibration dates, and any other information which the reporting activity desires to associate with the equipment on this data base.

13. User Definable Field #2 (82 A/N). This 82-character data field is for use by the reporting activity. It may be arranged and used in any manner which is convenient to the reporting activity. See examples in data field number 12, above.

14. Prepared By.

a. Name. Enter the name of the person who prepared this worksheet.

b. Office symbol. Enter the office symbol of the reporting activity; e.g., AMCMI-TGI, STEWS-TE-M.

c. DSN phone. Enter the DSN phone number of the individual named in subparagraph a, above.

d. Day, month, year. Enter the date that the worksheet is completed.

TESTFACS INVENTORY INPUT WORKSHEET

(AMC-R 70-9)

1

ITEM COMMON NAME (30 A/N)

2

MANUFACTURER'S NAME (20 A/N)

3

MODEL NUMBER (14 A/N)

4

DEDICATED TO (NEXT HIGHER)

5

ACTIVITY CODE (3A)

6

EQUIPMENT IDENTIFICATION NUMBER (25 A/N)

7

ITEM COST IN DOLLARS (9N)

8

MANUFACTURE DATE (2N)

9

RECEIPT DATE (2N)

10

FUNCTION CODE (3N)

11

HIERARCHY CODE (1A)

12

USER DEFINABLE FIELD #1 (28 A/N)

13

USER DEFINABLE FIELD #2 (82 A/N) (CONTINUED BELOW)

14

PREPARED BY:

a. NAME:

b. OFFICE SYMBOL:

c. DSN PHONE

d. DAY MONTH YEAR

DO NOT WRITE IN THIS SPACE

MANUFACTURER'S NAME (20 A/N)

MODEL NUMBER (14 A/N)

TESTFACS ID

NH TESTFACS ID

AMC FORM 2435-R-E
DEC 94

Previous edition of 15 Sep 92 may be used until exhausted.

APPENDIX G
TESTFACS CODES

ACTIVITY CODES

Headquarters	Activity	Activity Code (data field number 5)
AMCCOM	U.S. Army Armament, Munitions, and Chemical Command	
	Armament Research, Development, and Engineering Center	ARD
	Chemical Research and Development Center	CRD
	Defense Ammunition Center and School	DAC
	Hawthorne Army Ammunition Plant	HAP
	Product Assurance Directorate	PAD
	Product Assurance Directorate (Edgewood)	PAE
	Rock Island Arsenal	RIA
AVSCOM	U.S. Army Aviation Systems Command	
	Aeroflightdynamics Directorate	AFD
	Aerostructures Directorate	ASD
	Aviation Applied Technology Directorate	ATD
	Avionics Research and Development Activity	ARA
	Propulsion Directorate	APD
CECOM	U.S. Army Communications-Electronics Command	CEC
	Center for Electronic Warfare/Reconnaissance Surveillance and Target Acquisition	STA
	Center for Night Vision and Electro-Optics	NVC
Chief of Engineers	U.S. Army Corps of Engineer	
	Cold Regions Research and Engineering Laboratory	CRE
	Waterways Experiment Station	WES
DESCOM	U.S. Army Depot Systems Command	
	Anniston Army Depot	AAD
	Corpus Christi Army Depot	CCD
	Letterkenny Army Depot	LAD
	Lexington-Blue Grass Army Depot	LBD
	Red River Army Depot	RRD
	Sacremento Army Depot	SAD
	Tobyhanna Army Depot	TAD
	Tooele Army Depot	TED
LABCOM	U.S. Army Laboratory Command	
	Atmospheric Sciences Laboratory	ASL
	Ballistics Research Laboratory	BRL

Table G-1. Activity Codes

Headquarters	Activity	Activity Code (data field number 5)
LABCOM	Electronics Technology and Devices Laboratory	TDL
	Harry Diamond Laboratory	HDL
	Human Engineering Laboratory	HEL
	Materials Technology Laboratory	MTL
	Vulnerability Assessment Laboratory	VAL
MICOM	U.S. Army Missile Command	MIC
OPTEC	U.S. Army Operational Test and Evaluation Command Test and Experimentation Command	
	Airborne and Special Operations Test Directorate	AOD
	Air Defense Artillery Test Directorate	ADD
	Fire Support Test Directorate	FSD
	Intelligence Electronic Warfare Test Directorate	IED
	Operational Support Directorate	OSD
	OPTEC Threat Support Activity	OTS
	TEXCOM Experimentation Center	TEC
SDC	U.S. Army Strategic Defense Command	
	High Energy Laser System Test Facility Directorate	HLF
	Kwajalein Missile Range	KMR
	Strategic Defense Command	SDC
TACOM	U.S. Army Tank-Automotive Command	TAC
TECOM	U.S. Army Test and Evaluation Command	
	U.S. Army Aviation Technical Test Center	ATC
	U.S. Army Cold Regions Test Center	CRT
	U.S. Army Combat Systems Test Activity	APG
	U.S. Army Dugway Proving Ground	DPG
	U.S. Army Electronic Proving Ground	EPG
	U.S. Army Jefferson Proving Ground	JPG
	U.S. Army Redstone Technical Test Center	RTC
	U.S. Army Tropic Test Center	TTC
	U.S. Army White Sands Missile Range	WSM
	U.S. Army Yuma Proving Ground	YPG
TROSCOM	U.S. Army Troop Support Command	
	Belvoir Research, Development, and Engineering Center	BRD
	Natick Research, Development, and Engineering Center	NRD

Table G-1. Activity Codes - (continued)

MAJOR TEST FACILITY FUNCTION CODES

Series 001-200: Facility Function
(To be used with hierarchy code F)

Function Code	Function Name
001	Develop (Facility)
002	Exercise (Facility)
003	Product (Facility)
004	Research, Applied (Facility)
005	Research, Basic (Facility)
006	Simulate, Environment (Facility)
007	Simulate, Physical (Facility)
008	Simulate, Threat (Facility)
009	Simulate, Weapon System (Facility)
011	Support, Communication (Facility)
012	Support, Command, and Control (Facility)
013	Support, Data Processing (Facility)
014	Support, Photographic (Facility)
015	Test, Reliability (Facility)
016	Force, Development Testing and Experimentation (Facility)

Table G-2. Function Codes

EQUIPMENT FUNCTION CODES

Series 201-400: Equipment Function
(To be used with all hierarchy codes other than F)

Function Code	Function Name
201	Analyze, Biological
202	Analyze, Chemical
203	Analyze, Electrical
204	Analyze, Physical
205	Analyze, Radiological
206	Command and Control
207	Communicate
208	Display
209	Exercise
210	Generate
211	Locate
212	Measure, Biological
213	Measure, Chemical
214	Measure, Electrical
215	Measure, Event
216	Measure, Physical
217	Measure, Radiological
218	Measure, Time
219	Process, Audiovisual
220	Process, Data
221	Record, Metric
222	Record, Nonmetric
223	Sense, (End Item Only)
224	Simulate, Environment
225	Simulate, Physical
226	Simulate, Threat
227	Simulate, Weapon System
229	Time
230	Track
231	Transmit, Data

Table G-2. Function Codes - (continued)

HIERARCHY CODES

Hierarchy Code (data field number 11)	Hierarchy Classification
F	MTF
R*	Dedicated MITE (costing at least $75,000)
G	Nondedicated MITE (costing at least $75,000)

*Use of hierarchy code R at data field number 11 requires an entry at data field number 4.

Table G-3. Hierarchy Codes